

8. (Twice Amended) A color-filterless full color liquid-crystal display device, comprising:

a liquid-crystal shutter portion including a liquid crystal; and

a backlight portion including light source units and a planar light guide,

wherein said light source units comprise at least one red LED, at least one green LED, and at least one blue LED,

wherein a first number corresponding to said at least one green LED is not larger than a second number corresponding to said at least one red LED and the first number corresponding to said at least one green LED is not larger than a third number corresponding to said at least one blue LED, and

wherein said light source units are disposed on an edge of said planar light guide.

Please add claims 13-22 as follows:

13. The liquid-crystal display device according to Claim 1, wherein said liquid crystal comprises a twisted nematic (TN) liquid crystal.

14. The liquid-crystal display device according to Claim 1, wherein said liquid crystal comprises a super twisted nematic (STN) liquid crystal.

15. The liquid-crystal display according to Claim 8, wherein said liquid crystal comprises a TN liquid crystal.

16. The liquid-crystal display according to Claim 8, wherein said liquid crystal comprises an STN liquid crystal.

17. A color-filterless full color liquid-crystal display device, comprising:

a liquid-crystal shutter portion including a liquid crystal; and

a backlight portion including light source units and a light guide,

wherein said light source units comprise at least one light-emitting

device (LED) of a first color, at least one LED of a second color, and at least one LED of a third color,

wherein a first number corresponding to said at least one LED of said third color is not smaller than a second number corresponding to said at least one LED of said first color, and the first number corresponding to said at least one LED of said third color is not smaller than a third number corresponding to said at least one LED of said second color, and

wherein said light source units are disposed on an edge of said light guide.

18. The liquid-crystal display device according to Claim 17, wherein said liquid crystal comprises a twisted nematic (TN) liquid crystal.

19. The liquid-crystal display device according to Claim 17, wherein said liquid crystal comprises a super twisted nematic (STN) liquid crystal.

20. The liquid-crystal display device according to Claim 17, wherein said first color comprises red, said second color comprises green, and said third color comprises blue.

21. The liquid-crystal display device according to Claim 17, wherein said light guide comprises a planar light guide.

22. A color-filterless full color liquid-crystal display device, comprising:  
a liquid-crystal shutter portion including a liquid crystal; and  
a backlight portion including light source units and a light guide,  
wherein said light source units comprise at least one LED of a first color, at least one LED of a second color, and at least one LED of a third color,  
wherein a first number corresponding to said at least one LED of said second color is not larger than a second number corresponding to said at least one LED of said first color and the first number corresponding to said at least one LED of a second color is not larger than a third number corresponding to said at least one LED of a third color, and

wherein said light source units are disposed on an edge of said light guide.

23. The liquid-crystal display device according to Claim 20, wherein said liquid crystal comprises a twisted nematic (TN) liquid crystal.

24. The liquid-crystal display device according to Claim 20, wherein said liquid crystal comprises a super twisted nematic (STN) liquid crystal.

25. The liquid-crystal display device according to Claim 20, wherein said first color comprises red, said second color comprises green, and said third color comprises blue.

26. The liquid-crystal display device according to Claim 20, wherein said light guide comprises a planar light guide.

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**REMARKS**

Please find attached an excess claims fee for one independent claim in excess of three, and six claims in excess of twenty.

Applicants gratefully acknowledge the allowance of claims 1-12 by the Examiner in the Notice of Allowance mailed on February 25, 2003.

Claims 1-26 are pending in the application. This Amendment amends claims 1 and 8 and adds claims 13-26. No new matter is added to amended claims 1 and 8 or to new claims 13-26. Claims 1 and 8 are amended to merely clarify the subject matter of the claims and in no way narrow the scope of the claims in order to overcome the prior art or for any other statutory purpose of patentability.

Notwithstanding any claim amendments of the present Amendment or those amendments that may be made later during prosecution, Applicant's intent is to encompass equivalents of all claim elements. Reconsideration in view of the foregoing amendments and the following remarks is respectfully requested.

Attached hereto is a marked-up version of the changes made to the claims by the current amendment. The attached pages are captioned "Version with markings to show